

**DIGITAL SUBSCRIBER RADIO SYSTEM****Publication number:** JP63009332 (A)**Publication date:** 1988-01-16**Inventor(s):** HAMADA TATSUYOSHI**Applicant(s):** NIPPON ELECTRIC CO**Classification:**- International: **H04B7/24; H04J3/00; H04L12/28; H04B7/24; H04J3/00; H04L12/28; (IPC1-7): H04L11/00**

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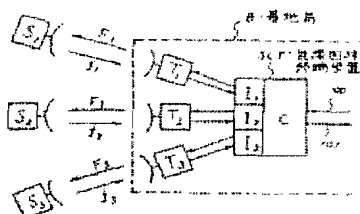
JP5054741 (B)

JP1839875 (C)

**Abstract of JP 63009332 (A)**

**PURPOSE:** To constitute an economical system to a medium scale demand between an opposite system and a TDMA system by allowing a base station to send plural carriers with simultaneous modulation to each subscriber station without multiplex conversion to an input TDM signal and to send information from each subscriber station to the base station while inserting the information in a prescribed time slot of a radio frame.

**CONSTITUTION:** The base station B uses a couple of radio carriers respectively to subscriber stations S1-S3 and makes communication in a continuous wave and transmission/reception equipments T1-T3 provided with a unidirectional antenna are connected to a common radio line terminator SLT. A transmission network TDM signal 100 becomes a radio TDM signal at a common section C of the terminator SLT, required information is given to an individual control bit in a radio addition bit at interface sections I1-I3 and sent from each transmission/reception equipment to each subscriber station. Each subscriber station selects only the information signal of each time slot. The information from each subscriber station is inserted into the assigned time slot in the radio frame and then sent to the base station B. Each interface section detects the information of the individual supervisory control bit in the radio addition bit and uses a radio frame synchronizing signal to apply the mutual timing adjustment and outputs each information signal to the common section C selectively.



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